

## EAST Search History

| Ref # | Hits     | Search Query              | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|----------|---------------------------|---|------------------|---------|------------------|
| S1    | 1172     | (123/90.39).CCLS.         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR               | OFF     | 2006/10/13 08:29 |
| S2    | 858      | rocker and S1             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/01/10 09:44 |
| S3    | 24830766 | @ad<"20031125"            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/01/10 09:44 |
| S4    | 789      | S2 and S3                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/01/10 09:46 |
| S5    | 51       | rocker adj shaft adj axis | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/01/10 09:47 |
| S6    | 590      | camshaft adj axis         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/01/10 09:47 |
| S7    | 5        | S5 and S6                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/01/10 09:50 |
| S8    | 83555    | camshaft (cam adj shaft)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/01/10 09:50 |
| S9    | 6750     | rocker adj shaft          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/01/10 09:51 |

## EAST Search History

|     |       |                            |   |    |     |                  |
|-----|-------|----------------------------|---|----|-----|------------------|
| S10 | 888   | S8 with S9                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/10 09:51 |
| S11 | 25    | S10 with perpendicular     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/10 09:51 |
| S12 | 18    | S11 and S3                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/10 09:51 |
| S13 | 4     | klotz-james.in.            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/10 10:20 |
| S14 | 40571 | rocker adj arm             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/10 10:20 |
| S15 | 7938  | (S14 rocker) adj shaft     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/10 10:20 |
| S16 | 98    | S15 near4 perpendicular\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/10 10:21 |
| S17 | 6     | S16 with camshaft          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/10 10:37 |
| S18 | 1172  | (123/90.39).CCLS.          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/01/10 10:37 |
| S19 | 51    | rocker adj shaft adj axis  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/10 10:41 |

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|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S20 | 4529  | (123/90.15,90.16,90.39).CCLS.                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/01/10 14:10 |
| S21 | 40571 | rocker adj arm   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/10 10:41 |
| S22 | 438   | intake adj S21   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/10 10:41 |
| S23 | 581   | exhaust adj S21  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/10 10:41 |
| S24 | 105   | S22 and S23 and S20  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/10 10:49 |
| S25 | 276   | (intake adj rocker adj arm) with<br>(exhaust adj rocker adj arm) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/10 10:49 |
| S26 | 84    | S25 with (rocker adj shaft)                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/10 10:50 |
| S27 | 23    | S26 and S20  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/10 10:50 |
| S28 | 3     | ("6615781").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/01/10 12:55 |
| S29 | 502   | intake adj rocker  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/10 12:55 |

## EAST Search History

|     |          |   |   |    |     |                  |
|-----|----------|---|---|----|-----|------------------|
| S30 | 669      | exhaust adj rocker  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/10 12:55 |
| S31 | 322      | S29 with S30  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/10 12:55 |
| S32 | 24830766 | @ad<"20031125"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/10 12:55 |
| S33 | 276      | S31 and S32   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/10 12:56 |
| S34 | 7        | ("4848284"   "5603292"  <br>"5960755"   "6234126"   "6354254"<br>  "6505589"   "6594996").PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2006/01/10 12:59 |
| S35 | 4529     | (123/90.15,90.16,90.39).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/01/10 14:10 |
| S36 | 5464     | rocker and camshaft   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/10 14:10 |
| S37 | 1006     | S35 and S36   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/10 14:10 |
| S38 | 2        | ("5960757").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/01/11 06:41 |
| S39 | 73       | (camshaft near10 rocker) near10<br>(perpendicular "90")                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/17 11:10 |

## EAST Search History

|     |          |                            |   |    |     |                  |
|-----|----------|----------------------------|---|----|-----|------------------|
| S40 | 24960556 | @ad<"20031125"             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/17 11:10 |
| S41 | 59       | S39 and S40                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/17 11:10 |
| S42 | 62747    | push adj rod               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/17 12:17 |
| S43 | 1083     | S42 with camshaft          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/17 12:17 |
| S44 | 569      | S43 with rocker            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/07/17 12:17 |
| S45 | 2        | ("6810840").PN.            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/07/18 05:22 |
| S46 | 1217     | (123/90.39).CCLS.          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/10/12 13:48 |
| S47 | 41540    | rocker adj arm             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/12 13:48 |
| S48 | 153      | S47 near2 two near2 valves | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/12 13:48 |
| S49 | 15       | S48 and S46                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/12 14:09 |

## EAST Search History

|     |       |                              |   |    |     |                  |
|-----|-------|------------------------------|---|----|-----|------------------|
| S50 | 2     | ("4913104").PN.              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/10/12 14:10 |
| S51 | 2     | ("5267536").PN.              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/10/12 14:18 |
| S52 | 550   | intake near rocker           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/12 14:18 |
| S53 | 726   | exhaust near rocker          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/12 14:18 |
| S54 | 353   | S52 with S53                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/12 14:18 |
| S55 | 131   | S54 with (rocker adj shaft)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/12 14:19 |
| S56 | 21    | S55 and S46                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/12 14:23 |
| S57 | 41540 | rocker adj arm               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/12 14:23 |
| S58 | 2601  | S57 with intake with exhaust | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/12 14:23 |
| S59 | 195   | S58 and S46                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/12 14:24 |

## EAST Search History

|     |   |                     |   |    |     |                  |
|-----|---|---------------------|---|----|-----|------------------|
| S60 | 2 | ("20020088414").PN. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2006/10/13 08:38 |
| S61 | 2 | gb-2333322-\$       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/13 08:39 |